

**INCREASING WEB PAGE BROWSING EFFICIENCY BY
PERIODICALLY PHYSICALLY DISTRIBUTING MEMORY MEDIA ON
WHICH WEB PAGE DATA ARE CACHED**

Abstract of the Disclosure

5 Data for selected web sites likely to be accessed are stored on memory
media (compact disks) that are physically transported to subscribers for use when
browsing the Internet. New copies of the memory media with the data for the
selected web sites are periodically produced and distributed to the subscribers. In
10 addition, if the data cached on the memory media are stored on a local hard drive
of the subscriber, the content of the cache can be updated by a local proxy
program during the subscriber's connection to the network when the connection is
not otherwise in use. The local proxy program is installed on the subscriber's
computer from the distributed memory media. A data center provides Intelligent
15 Prefetching and implements a validation service to determine if the cached data
items are current. If not, the current data are loaded into the browser program
through the Internet connection.